

Converting Colors

Hex(56AA6E)

Have a look what the booklet for
Hex(56AA6E) contains.

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Color

Hex(56AA6E)

Conversions

Conversions Part 1

Format	Color
Hex	56AA6E
RGB	86, 170, 110
RGB Percent	34%, 67%, 43%
CMY	0.6627, 0.3333, 0.5686
CMYK	0.49, 0.00, 0.35, 0.33
HSL	137°, 33%, 50%
HSV	137°, 49%, 67%
XYZ	21.0269, 31.8537, 19.7920
YIQ	138.0440, -30.8040, -36.4680

Conversions

Conversions Part 2

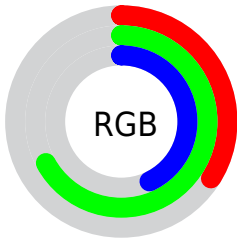
Format	Color
RYB	86, 151, 170
Decimal	5679726
CIELab	63.22, -39.07, 23.30
CIELCh	63, 45.490, 149.196
Yxy	31.8537, 0.2893, 0.4383
Android (android.graphics.Color)	4283869806 (0xFF56AA6E)
YUV	138.0440, -13.8257, -45.6426
Hunter-Lab	56.4391, -32.2663, 18.7156

Details

The Hex color **56AA6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA5692**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8DE2A2**, and **1B753E** is the 20% darker color. If you saturate the color by 10%, you get **45AA62**, and if you desaturate by 10%, it is **67AA7A**.

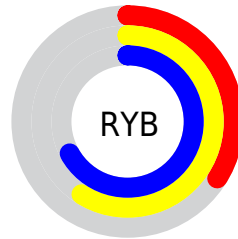
Distribution



Red (34%)

Green (67%)

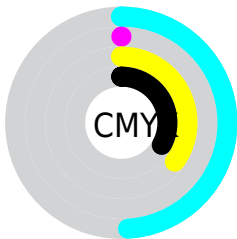
Blue (43%)



Red (34%)

Yellow (59%)

Blue (67%)

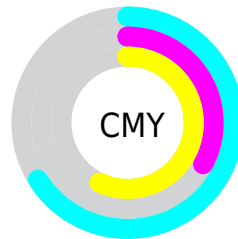


Cyan (49%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AA6E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 56AA6E by changing the saturation by 10% instead.

 56AA6E

 56AA6E

FFFFFF

 3A8F55

 8DE2A2

 1B753E

 A9FFBD

 005C27

 C5FFD9

 004311

 E2FFF6

 002D00

 001300

 000000

 56AA6E

 56AA6E

 45AA62

 67AA7A

 34AA56

 78AA86

 23AA4A

 89AA92

 12AA3D

 9AAA9F

 01AA31

 ABAAAB

 00AA31

 BCAAB7

 CDAAC3

 DEAACF

 EFAADB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89A250



56AA6E



00AE97

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56AA6E



4E9EEA



E47B74

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56AA6E



AA5692

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E2779C



56AA6E



9A8FE0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56AA6E



00A8DE



CA80C3



D28854

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56AA6E



00AEB2



CA80C3



E67881

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56AA6E



BDDEC6



92AA56



5C7062



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56AA6E



5BDE80



56AA98



4C544E



00942A



001406

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AA5692



DE5BB8



AA5668



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 56AA6E looks on a white background.

Color Contrast Check

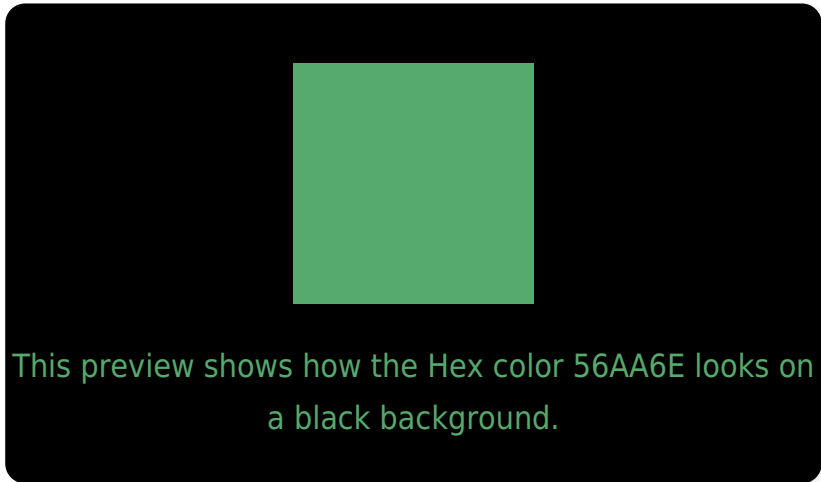
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

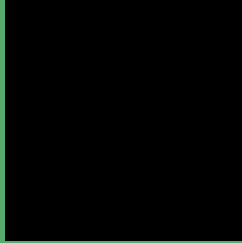
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 56AA6E Background



This preview shows how black text looks on a background with the Hex color 56AA6E.

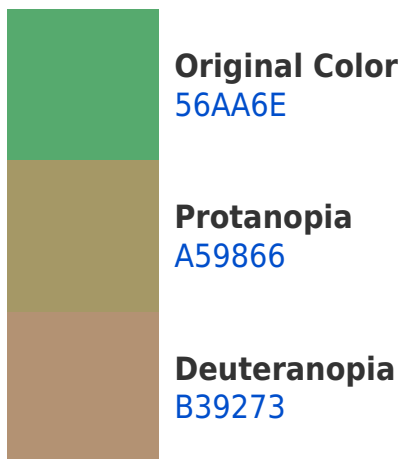


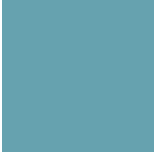
This preview shows how white text looks on a background with the Hex color 56AA6E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

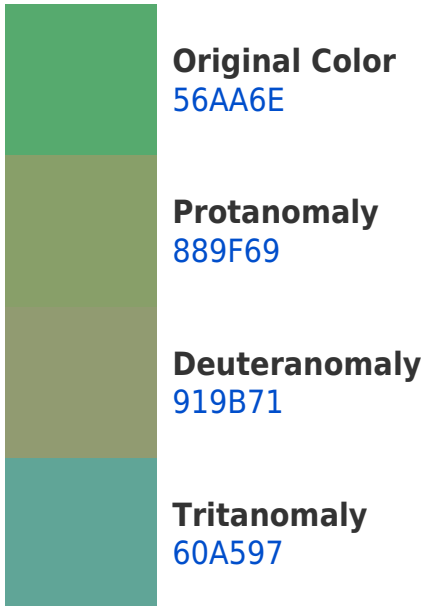
Dichromacy



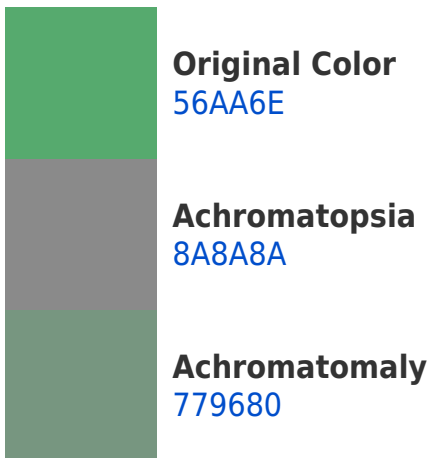


Tritanopia
66A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AA6E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #56AA6E looks like.

```
.text, #text, p{  
    color:#56AA6E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #56AA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AA6E
}
```

Border

The CSS property to change the border of an element to Hex 56AA6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56AA6E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#56AA6E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #56AA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AA6E; -webkit-box-shadow:4px 4px  
4px 4px #56AA6E; box-shadow:4px 4px 4px  
4px #56AA6E }
```

Background

The CSS property to change the background color of an element to Hex 56AA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AA6E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#56AA6E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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